

CLAIMS

Sub A > 1. A paste pattern forming method wherein a drawing pattern is

formed on a paste-applied body with a linearly drawn paste line.

B4 > 2. A paste pattern forming method according to Claim 1, wherein said drawing pattern is linearly drawn with a paste on said paste-applied body by using a nozzle, the paste, a paste reserving container, and paste supply means.

B4 > 3. A paste pattern forming method according to Claim 1 or 2, wherein said paste is continuously discharged from said nozzle while the paste line is being drawn.

Sub A > 4. A paste pattern forming method according to Claim 2 or 3, wherein the paste line is drawn while moving any of said paste-applied body, said nozzle and said paste.

Sub A > 5. A paste pattern forming method according to any one of Claims 1 to 4, wherein said paste-applied body is a lead frame, and said paste is an adhesive for die bonding.

Sub B > 6. A paste pattern forming method according to any one of Claims 1 to 5, wherein said drawing pattern is a figure made up of a plurality of segment lines.

Sub A > 7. A paste pattern forming method according to Claim 6, wherein said drawing pattern is a figure in the radial form.

Sub A > 8. A paste pattern forming method according to any one of Claims 1 to 6, wherein said drawing pattern is a figure including an enclosed shape.

Sub B > 9. A paste pattern forming method according to any one of Claims 6 to 8, wherein at least one segment line is formed of two drawn lines.
A6

10. A paste pattern forming method according to Claim 9,
wherein at least one segment line is formed while moving any of said
paste-applied body, said nozzle and said paste to go and return.

Sub A >
11. A paste pattern forming method according to any one of
Claims 1 to 10, wherein said drawing pattern is formed such that the total
number of start and end points of drawn lines is not larger than the
number of segment lines.

Sub B >
12. A paste pattern forming method according to any one of
Claims 1 to 11, wherein said drawing pattern is formed such that the
start and end points of drawn lines are positioned other than the ends of
said drawing pattern.

13. A paste pattern forming method according to any one of
Claims 1 to 12, wherein said drawing pattern is formed with a minimum
number of points at which the drawn lines are returned in a drawing
process.

Add B >